Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	07-11-2022
Team ID	PNT2022TMID03356
Project Name	Smart Fashion Recommender Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	UI Creation, Creating Registration page, Login page.	20	High	Sakthi Aishwarya S Parveen Fathima M Rajalakshmi R Subanu K
Sprint-2	Admin panel	USN-2	The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing.	20	High	Sakthi Aishwarya S Parveen Fathima M Rajalakshmi R Subanu K
Sprint-3	Chat Bot	USN-3	The user can directly talk to Chatbot regarding the products.Get the recommendations based on information provided by the user.	20	High	Sakthi Aishwarya S Parveen Fathima M Rajalakshmi R Subanu K

Sprint-4	final delivery	USN-4	Integrating chatbot to the HTML page and containerizing the app and Upload the image to the IBM Registry and deploy it in the Kubernetes Cluster.	20	High	Sakthi Aishwarya S Parveen Fathima M Rajalakshmi R Subanu K

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	1 Nov 2022	6 Nov 2022		6 Nov 2022
Sprint-2	20	5 Days	7 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-3	20	3 Days	12 Nov 2022	15 Nov 2022		15 Nov 2022
Sprint-4	20	4 Days	15 Nov 2022	19 Nov 2022		19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart: